

In the Claims

1. (Previously Presented) A room for use in conducting medical procedures, comprising:
 - a magnetic resonance imaging assembly comprising first and second opposed ferromagnetic elements, first and second ferromagnetic pole supports connected to the first and second ferromagnetic elements and first and second poles supported by the first and second pole supports, respectively;
 - a floor and a ceiling between the first and second opposed ferromagnetic pole supports; and
 - a screen disposed, at least in part, within a volume between the first and second pole supports, the screen extending a distance from proximate the first ferromagnetic element to proximate the second ferromagnetic element;
 - at least one storage means for storing at least a portion of the screen;
 - wherein a plurality of separate scenes are provided serially on the screen, at least some of the plurality of scenes extending the distance from proximate the first ferromagnetic element to proximate the second ferromagnetic element;
 - the room further comprising:
 - means for changing a scene for display by moving the screen out of the storage means and at least partially across the room sufficiently to display a new scene.
2. (Previously Presented) The room of claim 1, wherein the scene changing means includes means for moving the screen to display a different scene.
3. (Original) The room of claim 2, further comprising a switch for controlling the movement of the screen.

4. (Original) The room of claim 1, further comprising a cartridge for containing the screen.
5. (Original) The room of claim 4, further comprising means for changing the cartridge.
6. (Previously Presented) The room of claim 1, wherein the screen is arcuate.
7. (Cancelled)
8. (Previously Presented) The room of claim 6, wherein a ceiling of the room further comprises lighting disposed proximate to the ceiling.
9. (Original) The room of claim 1, wherein the first and second poles are decorated to correspond to an image on the screen.
10. (Original) The room of claim 1, further comprising an acoustic means for providing sounds.
11. (Original) The room of claim 1, further comprising a scent means for providing smells.
12. (Currently Amended) A room for use in conducting medical procedures, comprising:
 - a floor, a ceiling, and at least one wall between the floor and the ceiling;
 - ~~a magnetic resonance imaging assembly having an imaging volume, the magnetic resonance imaging assembly being at least partially within the room, the magnetic resonance imaging assembly comprising first and second opposed ferromagnetic elements, first and second ferromagnetic pole supports connected to the first and second ferromagnetic elements and first and second poles supported by the first and second pole supports, respectively;~~

a screen disposed, at least in part, within a volume between the first and second pole supports;

a plurality of images on the screen;

a track ~~attached to at least the ceiling of the room, and~~ extending across at least a portion of the room, the track defining a groove extending across at least a portion of the length of the track, to receive a portion of the screen; and

a belt attachable to the portion of the screen, the belt being movable at least in part within the groove for moving the portion of the screen through the groove, to move the screen across the room to display a selected one of the plurality of images.

13. (Original) The room of claim 12, wherein the screen further comprises first and second sides, each side comprising at least one image for display in the room.

14. (Previously Presented) The room of claim 12, wherein the belt comprises means for attaching the portion of the screen to the belt.

15. (Original) The room of claim 14, wherein the attachment means enables separation of the screen and the belt.

16. (Cancelled)

17. (Currently Amended) The room of claim 4 12, wherein the track is arcuate.

18. (Previously Presented) The room of claim 14, further comprising a pulley system and motor for moving the belt through the groove.

19. (Original) The room of claim 12, further comprising a window positioned to enable viewing of an image on the screen from a location exterior of the room.

20. (Original) The room of claim 12, further comprising:

a delivery cartridge; and

a take-up cartridge;

wherein the screen is stored wound within the delivery cartridge and is moveable by the moving means to the take-up cartridge to be wound within the take-up cartridge during display of an image.

21. (Original) The room of claim 12, further comprising:

a delivery cartridge; and

a roller;

wherein the screen has first and second sides and an image on each side,

the screen is stored wound within the delivery cartridge,

the screen is moveable to the roller to display an image on the first side, and

the screen is moveable around the roller, in front of the first side, to display an

image on the second side.

22. (Currently Amended) A room for use in conducting medical procedures, comprising:

a medical imaging device a magnetic resonance imaging assembly at least partially within the room, the magnetic resonance imaging assembly comprising first and second opposed ferromagnetic elements, first and second ferromagnetic pole supports connected to the first and second ferromagnetic elements and first and second poles supported by the first and second pole supports, respectively;

a screen disposed, at least in part, within a volume between the first and second pole supports,

hook and loop material on a portion of the screen;

at least one image on the screen;

a track extending across the room;
a belt movably disposed within the track;
hook and loop material on at least a portion of the belt;
a motor coupled to the belt to cause movement of the belt within the track, across the room; and
at least one cartridge to store at least a portion of the screen:
the screen being removably attachable to the belt by mating the hook and loop material on the screen and the belt;
wherein movement of the belt when the screen is removably attached to the belt causes removal of a remaining portion of the screen from the at least one cartridge, movement of the screen along the track to display an image in the room, and entry of a previously displayed portion of the screen into the at least one cartridge; and
the track and the belt are configured to compress the hook and loop material on the screen against the hook and loop material on the belt to removably attach the remaining portion of the screen to the belt as the belt draws the screen into the track and to remove the previously displayed portion of the screen from the belt prior to entry of the previously displayed portion of the screen into the at least one cartridge.

23. (Previously Presented) The room of claim 22, further comprising a serrated gear coupled to the motor, wherein the belt has a serrated portion for engaging the serrated gear, and the hook and loop material on the screen and the hook and loop material on the belt are compressed between a portion of the belt engaged by the serrated gear and the track to removably attach the remaining portion of the screen to the belt.

24. (Original) The room of claim 23, further comprising:

at least one pulley; and
a torque converter;
the pulley comprising the serrated gear, the pulley being connected to the motor and to the torque converter for selectively controlling a speed of movement of the belt along the track.

25. (Original) The room of claim 22, wherein the track is arcuate.
26. (Previously Presented) The room of claim 22, further comprising:
a first strip comprising the hook and loop material on the belt; and
a second strip comprising the mating hook and loop material on the screen;
wherein the belt is attachable to the screen by mating the first and second strips.
27. (Cancelled)
28. (Previously Presented) The room of claim 56, wherein the moving means comprises at least one pulley and a motor coupled to the pulley.
29. (Previously Presented) The room of claim 28, wherein the belt is attached to the pulley, the room further comprising:
attachment means for attaching the belt to the screen.
30. (Previously Presented) The room of claim 29, wherein the track guides the belt across the room.
31. (Cancelled)
32. (Previously Presented) The room of claim 30, wherein the attachment means comprises at least one of a pair of strips comprising a hook and loop material, a hook, a loop, an adhesive, a snap fit, a button, a zipper, a knot, a hinge, a fastener, a bolt, a cable, a clamp, a dowel, a latch, a pin, a seam, a rivet, a screw or a nail.

33. (Previously Presented) The room of claim 29, wherein the attachment means is removably attachable.

34. (Cancelled)

35. (Cancelled)

36. (Cancelled)

37. (Currently Amended) A method of using a room for a medical procedure, comprising:

positioning a patient in a magnetic resonance imaging assembly in a room, the magnetic resonance imaging assembly comprising first and second opposed ferromagnetic elements, first and second ferromagnetic pole supports connected to the first and second ferromagnetic elements and first and second poles supported by the first and second pole supports, respectively;

removably attaching a portion of a screen to a belt at least partially within a volume between the first and second pole supports, the screen comprising a plurality of scenes, each scene comprising at least one image;

moving the belt to move at least a portion of the screen across the room through the volume, to display a selected one of the scenes in the room;

removably attaching remaining portions of the screen to the belt as the belt moves at least a portion of the screen across the room through the volume;

positioning a patient with respect to a magnetic resonance imaging assembly in the room; and

performing the medical procedure.

38. (Previously Presented) The method of claim 37, comprising moving the screen to a selected image.

39. (Previously Presented) The method of claim 37, wherein the moving is performed prior to the positioning.

40. (Original) The method of claim 37, further comprising moving the screen to display a second image.

41. (Previously Presented) The method of claim 40, further comprising:
positioning a second patient with respect to the assembly after moving the screen to display the second image; and
performing a medical procedure on the second patient.

42. (Previously Presented) The method of claim 40, wherein the screen is stored in a cartridge and the second selected image is displayed by replacing a first cartridge by a second cartridge and advancing the screen from the second cartridge to display the second selected image.

43. (Original) The method of claim 37, further comprising providing sounds in the room.

44. (Original) The method of claim 37, further comprising providing odors in the room.

45. (Previously Presented) The method of claim 37, comprising moving the screen along an arcuate track.

46. (Original) The method of claim 37, further comprising providing moving images on the displayed image.

47. (Original) The method of claim 37, wherein the image is selected by the patient.

48. (Previously Presented) The method of claim 37, further comprising illuminating a ceiling of the room.

49. (Original) The method of claim 37, further comprising illuminating the screen.

50. (Original) The room of claim 22, wherein movement of the belt causes movement of the screen out of the cartridge, along the track.

51. (Original) The room of claim 50, wherein selective movement of the belt causes selective movement of the screen out of or into the cartridge.

52. (Previously Presented) The room of claim 1, further comprising illumination behind the screen.

53. (Original) The room of claim 22, further comprising:
a ceiling; and
illumination above the ceiling.

54. (Original) The room of claim 22, further comprising illumination behind the screen.

55. (Previously Presented) The room of claim 1, wherein each scene comprises at least one image.

56. (Previously Presented) A room for conducting a magnetic resonance imaging procedure, the room comprising:

an upper ferromagnetic pole support, the upper ferromagnetic pole support defining, at least in part, a ceiling of the room;
a lower ferromagnetic pole support opposing the upper ferromagnetic pole support, the lower ferromagnetic pole support defining, at least in part, a floor of the room;

first and second opposed ferromagnetic plates between the upper and lower ferromagnetic pole supports, the first and second plates defining, at least in part, opposing walls of the room;

first and second opposed ferromagnetic poles supported by the upper and lower ferromagnetic pole supports, respectively, the first and second opposed ferromagnetic poles defining an imaging volume there between;

an arcuate track coupled to the ceiling, the arcuate track extending at least partially around the room, between the imaging volume and at least the first and second walls;

a flexible screen movably supported along the track, wherein the screen extends vertically from the ceiling to the floor;

at least one storage device to store at least a portion of the screen;

the screen having a selectively displayed portion extending at least partially around the room, between the imaging volume and at least the first and second walls, and a selectively stored portion, during use, the selectively stored portion being stored in the at least one storage device; and

a plurality of images on the screen, each image extending from the floor to the ceiling and extending across the displayed portion of the screen, such that the image displayed on the displayed portion of the screen is arcuate;

wherein at least some of the images have a common theme;

the room further comprising:

a first decoration on the ceiling consistent with the common theme;

a second decoration on the floor consistent with the common theme;

a third decoration on the first and second poles consistent with the common theme; and

means for moving the screen along the arcuate track, to selectively display an image.

57. (Previously Presented) The room of claim 22, further comprising:

track defines a groove;

the belt is movable within the groove; and

the screen is moved by the belt within the groove.

58. (Cancelled)

59. (Previously Presented) The method of claim 37, comprising:

moving the belt and a portion of the screen within a groove defined by a track.

60. (Previously Presented) The method of claim 37, wherein the medical procedure is a magnetic resonance imaging procedure.

61. (Previously Presented) The room of claim 12, wherein:

the means for moving moves the screen through the track in a first direction;

the track further defines a second groove extending across at least a portion of the length of the track, to receive a portion of the screen; and

the means for moving moves the screen through the second groove in a second direction different from the first direction.

62. (Previously Presented) The room of claim 1, wherein the screen is supported, at least in part, by the ceiling.

63. (Previously Presented) The room of claim 1, wherein:

at least some of the plurality of scenes have a common theme;

the room further comprising:

a first decoration on the ceiling consistent with the common theme;

a second decoration on the floor consistent with the common theme; and

a third decoration on the first and second poles consistent with the common theme.

64. (Previously Presented) The room of claim 12, wherein:

at least some of the plurality of scenes have a common theme;

the room further comprising:

a first decoration on the ceiling consistent with the common theme;

a second decoration on the floor consistent with the common theme; and

a third decoration on the first and second poles consistent with the common theme.

theme.

65. (New) The room of claim 12, wherein the track is attached to at least the ceiling

of the room.